

## ABSTRACT

A filter core controller device of a water filter device comprises a chip in a filter core of the water filter device; the filter core having an erasable chip; codes and accumulating operation time period being recorded in the chip; a  
5 control unit for reading the cord in the chip so as to determining whether the filter core is a set one and reading the accumulating operation time period for determining whether the filter core is overdue and updating the accumulating operation time period in the chip. The signals of the chip and the signals of the control device are transmitted wirelessly or by wires.